

**What is claimed is:**

- 1           1. A pointing device comprising:
  - 2           an indicator including a first transmitter for transmitting a
  - 3           first signal;
  - 4           a board including at least three first receivers for receiving
  - 5           said first signal; and
  - 6           operating means for calculating moving distances in two
  - 7           directions of a pointer on said board pointed by said indicator based on
  - 8           a varying amount of said first signal received by said first receivers.
- 1           2. A pointing device according to claim 1,
  - 2           wherein said indicator further includes a second transmitter
  - 3           for transmitting a second signal,
  - 4           wherein said board further includes:
    - 5           a second receiver for receiving said second signal; and
    - 6           output means for outputting a command signal in response
    - 7           to said second signal received by said second receiver.
- 1           3. A pointing device according to claim 2,
  - 2           wherein said second transmitter transmits, as said second
  - 3           signal, third signals at a time interval changing in response to said
  - 4           command signal, and
  - 5           wherein said output means outputs said command signal in
  - 6           response to said time interval of said third signals.